

**UTILITY PATENT APPLICATION TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. **8022-1060****To the Assistant Commissioner of Patents**

Transmitted herewith for filing is the patent application of:

Inventors: **Yasushi AOKI**Corresponding to **Japan** Patent Application No. **2002-287929** filed on **September 30, 2002**, the entirety (entireties) of which application(s) is (are) hereby expressly incorporated by reference in the accompanying application.Title: **DIFFERENTIAL OUTPUT CIRCUIT FOR IMPROVING BANDWIDTH**

Enclosed are:

☒ **32** Pages of Specification containing **13** claims☒ **8** Sheets of formal Drawings☒ Abstract of the Disclosure☐ Submission of English translation of prior provisional application under 37 CFR 1.78(a)(5)☒ Newly executed Oath or Declaration/Power of Attorney☐ Copy of Oath or Declaration/Power of Attorney from a prior application (continuation/divisional)☐ The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied as indicated in the preceding box, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.☐ Deletion of inventor(s). A signed statement attached deleting inventor(s) named in the prior application (see 37 CFR 1.63 (d)(2) and 1.33(b))☐ Applicant claims small entity status under 37 C.F.R. § 1.27☒ Application Data Sheet under 37 C.F.R. § 1.76☒ Assignment Papers (cover sheet & document(s))☐ An assignment to \_\_\_\_\_ for parent application no. \_\_\_\_\_ was recorded on \_\_\_\_\_ at Reel \_\_\_\_\_, Frame \_\_\_\_\_☒ Information Disclosure Statement (IDS) w/PTO-1449 - ☒ Copy of IDS citations☒ Preliminary Amendment☒ Itemized Return Receipt Postcard☒ Certified Copy of Priority Document(s)☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)a. ☐ Computer Readable Form (CRF)

b. Specification Sequence Listing on:

i. ☐ CD-ROM or CD-R (2 copies); or ii. ☐ paperc. ☐ Statement verifying identity of above copies☐ Other Attachment: \_\_\_\_\_19270 U.S. PTO  
40/671678

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| <b>UTILITY PATENT APPLICATION TRANSMITTAL</b><br>(continued)   | Attorney Docket No. 8022-1060 |
| If a CONTINUING APPLICATION, check appropriate box, and supply requisite information below and in a preliminary amendment or in an Application Data Sheet under 37 CFR 1.76:<br><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part of Prior Appln. #<br>Prior Application Information:    Examiner:    Tech Center: |                               |
| <b>CORRESPONDENCE INFORMATION</b>  |                               |
| <b>Customer Number:</b> <span style="font-size: 1.5em; font-weight: bold;">00466</span>  |                               |
| Correspondence Address:    Young & Thompson<br>745 South 23 <sup>rd</sup> Street, Second Floor<br>Arlington, VA 22202<br>Telephone (703) 521-2297    Facsimile (703) 979-4709  |                               |

The filing fee has been calculated as follows:

| FOR                             | NUMBER FILED | NUMBER<br>EXTRA | SMALL ENTITY |          | LARGE ENTITY |                   |
|---------------------------------|--------------|-----------------|--------------|----------|--------------|-------------------|
|                                 |              |                 | RATE         | FEE      | RATE         | FEE               |
| BASIC FEE                       |              |                 |              | \$375.00 |              | \$750.00          |
| TOTAL CLAIMS                    | 13 - 20 =    |                 | \$9.00       | \$       | \$18.00      | \$                |
| INDEPENDENT CLAIMS              | 6 - 3 =      | 3               | \$42.00      | \$       | \$84.00      | <u>\$504.00</u>   |
| MULTIPLE DEPENDENT<br>CLAIM FEE |              |                 | \$140.00     | \$       | \$280.00     | \$                |
| TOTAL SMALL ENTITY              |              |                 |              | \$       |              |                   |
| TOTAL LARGE ENTITY              |              |                 |              |          |              | <u>\$1,254.00</u> |

- ☒ A Check in the amount of **\$1,294.00** to cover all fees is attached.
- ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to Deposit account No. 25-0120 in the name of Young & Thompson, as described below. A duplicate copy of this sheet is enclosed.
- ☒ The Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 25-0120 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17.

*Benoit Castel*

Benoit Castel, Reg. No. 35,041

745 South 23<sup>rd</sup> Street  
 Arlington, VA 22202  
 Telephone (703) 521-2297

BC/maf  
 Date: **September 29, 2003**